

IN THE CLAIMS

Please amend the claims to read as follows. This listing of the pending claims supercedes all previous listings.

1. (Currently Amended) A turbine motor for a pneumatic tool, comprising:
 - a casing, surrounding a chamber, with an air inlet and an air outlet being attached to said casing;
 - a rotor, disposed coaxially inside said chamber, performing a rotational movement driven by compressed air from said air inlet, said rotor having a plurality of rotor blades fixed thereto, each of said plurality of rotor blades being formed integrally with said axis to form a adapted to form an inward-flow radial inflow impeller turbine rotor having a radial inflow and an axial outflow; and
 - an axis, carrying said rotor, having a rear end borne by said casing and a front end passing through said casing, from which torque is taken;~~and~~
~~———— a stator inserted between said rotor and an inner wall of said casing.~~
2. (Currently amended) A turbine motor for a pneumatic tool, comprising:
 - a casing, surrounding a chamber, with an air inlet and an air outlet being attached to said casing;
 - a rotor, disposed coaxially inside said chamber, performing a rotational movement driven by compressed air from said air inlet, said rotor having a plurality of rotor blades fixed thereto; and
 - an axis, carrying said rotor, having a rear end borne by said casing and a front end passing through said casing, from which torque is taken; and
 - a stator ~~inserted~~ positioned between said rotor and an inner wall of said chamber; wherein said stator is adapted to direct inlet air to an inlet portion of said plurality of rotor blades coaxial with said rotor.
3. (Currently amended) A turbine motor for a pneumatic tool, comprising:

a casing, surrounding a chamber, with an air inlet and an air outlet being attached to said casing;

a rotor, disposed inside said chamber, performing a rotational movement driven by compressed air from said air inlet; and

an axis, carrying said rotor, having a rear end borne by said casing and a front end passing through said casing, from which torque is taken; and

a stator inserted between said rotor and an inner wall of said casing, wherein said stator has a plurality of stator blades adapted to direct inlet air to said rotor.

4. (Currently amended) The turbine motor for a pneumatic tool according to claim 2, wherein said stator is radially oriented and placed opposite said air inlet, and is adapted to direct inlet air in a radial direction onto said plurality of rotor blades.

5. (Currently amended) The turbine motor for a pneumatic tool according to claim 3, wherein said plurality of stator blades is are radially oriented and placed opposite said air inlet, and have adjustable orientations providing forward and reverse directions of rotor rotation.

6. (Withdrawn) The turbine motor for a pneumatic tool according to claim 2, wherein an air whirling device surrounds said stator.

7. (Withdrawn) The turbine motor for a pneumatic tool according to claim 1, wherein in said chamber a shield and an outlet passageway are placed along airflow towards said stator.

8. (Withdrawn) The turbine motor for a pneumatic tool according to claim 1, wherein said axis has a plurality of bearings, so that said axis and said rotor are borne inside said shield of said rotor.

9. (Withdrawn) The turbine motor for a pneumatic tool according to claim 7, wherein said axis has a plurality of bearings, so that said axis and said rotor are borne inside said shield of said rotor.

10. (Withdrawn) A turbine motor for a pneumatic tool, comprising:

a casing, surrounding a chamber, with an air inlet and an air outlet air being attached to said casing;

a rotor, disposed inside said chamber, performing a rotational movement driven by compressed air from said air inlet;

an axis, carrying said rotor, having a rear end borne by said casing and a front end passing through said casing, from which torque is taken;

a rear casing, placed at a rear end of said casing, closely surrounding said rotor and blades thereof; and

an air direction adjusting knob, placed close to said air inlet and allowing, by an axial or an angular movement, to switch directing of incoming compressed air onto said rotor between forward and reverse directions.

11. (Withdrawn) The turbine motor for a pneumatic tool according to claim 10, wherein a valve is installed at said air inlet, allowing to switch incoming airflow on and off.
12. (Withdrawn) The turbine motor for a pneumatic tool according to claim 3, wherein said plurality of stator blades have adjustable orientations.
13. (Withdrawn) The turbine motor for a pneumatic tool according to claim 3, wherein said plurality of stator blades are turnably set on a plurality of blade supports.
14. (Withdrawn) The turbine motor for a pneumatic tool according to claim 12, wherein said plurality of stator blades are turnably set on a plurality of blade supports.
15. (Currently amended) The turbine motor for a pneumatic tool according to claim 1, wherein said stator is radially oriented and placed opposite said air inlet, and has a plurality of stator blades adapted to direct inlet air in a radial direction onto said plurality of rotor blades.